



## Problem

Families have limited access to the information they need.

Children are scared and anxious about medical procedures. This causes:

Information tools and a patient's consent can be difficult because:

Specialists and kid-friendly information are not always available.

Children's literacy and stress levels affect their ability to read, understand, and follow health related materials.

Children's interactions with multiple languages

## The Solution

The **I See! System** is a mobile, touch screen computer that provides medical information to children and families in a fun and effective way.

The system was developed in collaboration with Child Life Specialists. It overcomes healthcare communication barriers because it is:

- ★ Age-Adaptable
- ★ Audio-Visual
- ★ Procedural
- ★ Multi-Sensory
- ★ Interactive
- ★ Multi-Lingual

The Pediatric Healthcare System needs fun, age-specific & interactive tools to help prepare children for the best outcomes.



**I See! System**  
Makes Healthcare Information Accessible, Fun & Interactive!

The **I See!** module for CT Scans focuses on children ages 3 to 6. All tools are available in English and Spanish.

★ **Introduction Video**  
A Child Life Specialist explains the CT exam & shows real pictures.

★ **Interactive Games**  
"Who's Who?"  
"What is a CT Machine?"  
"Let's Perform a CT Exam!"

★ **Key Words**  
Explains common words using pictures and text.

★ **Parent's Place**  
Provides the WHO, WHAT, WHEN, WHERE, WHY, and HOW for the procedure.

### Group Contact Information

Kristin Hermann  
kristin.hermann@gmail.com  
Jon Koehler  
jkoehler@pennstate.edu  
Rung-Yu Tseng  
rytseng@pennstate.edu



## The Future

### Mobile

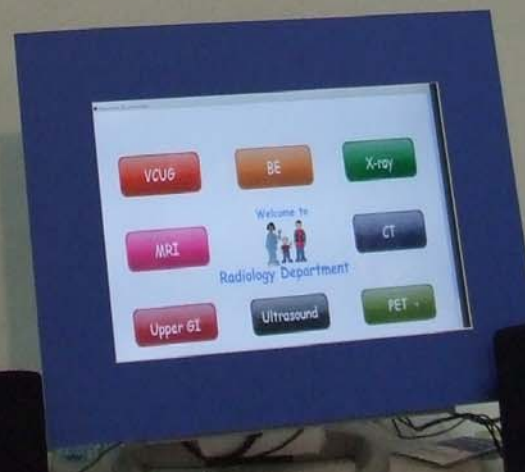
- ★ Ability to move from room to room
- ★ Easily controlled by children

### Multiple Applications

- ★ Used in all hospital departments
- ★ ER
- ★ Sickle Cell and Asthma Clinic
- ★ Surgery
- ★ In-Patient Areas

### Remote Access

- ★ Ability to access modules from home. Internet access will allow families to review the information before and after a procedure.





# I See! System

forms ★ Sets Expectations ★ Educates ★ Eases Anxiety

## The Problem

Children and families have limited access to the information they need.

Children are often scared and anxious about going through medical procedures. This causes confusion.

Confusion

Stratification

Let's

Effective information tools and a patient-friendly environment can be difficult because.

Child Life Specialists and kid-friendly materials are not always available.

Low healthcare literacy and stress reduce people's ability to read, understand, or act on health related materials.

Large populations with multiple languages are not always available.

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Makes Healthcare Information  
Accessible, Fun & Interactive!

## Welcome to Radiology

The I See! module for CT Scans focuses on children ages 3 to 6. All tools are available in English and Spanish.

### ★ Introduction Video

A Child Life Specialist explains the CT exam & shows real pictures.

### ★ Interactive Games

"Who's Who?"

"What is a CT Machine?"

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## The Future

### Mobile

- ★ Ability to move from room to room.
- ★ Easily controlled by children.

### Multiple Applications

- ★ Used in all hospital departments
  - ★ ER
  - ★ Sickle Cell and Asthma Clinic
  - ★ Surgery
  - ★ In-Patient Areas

### Remote Access

- ★ Ability to access modules from the Internet access will allow families review the information before and after a procedure.





# *I See! System*

★ *Informs* ★ *Sets Expectations* ★ *Educates* ★ *Eases Anxiety*

## The Problem

Patients and families have limited access to the healthcare information they need.

Children are often scared and anxious about undergoing medical procedures. This causes:

- ★ **Confusion**
- ★ **Frustration**
- ★ **Anxiety**

Creating effective information tools and a patient-centered environment can be difficult because:

- ★ Child Life Specialists and kid-friendly materials are not always available.
- ★ Limited healthcare literacy and stress affects people's ability to read, understand, and act on health related materials.
- ★ Patient populations with multiple languages and ages.

The Pediatric Healthcare System needs fun, age-specific & interactive tools to help prepare children for the best outcomes!



## The Solution

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- ★ **Age Adaptable**
- ★ **Procedural**
- ★ **Interactive**
- ★ **Audio – Visual**
- ★ **Multi – Sensory**
- ★ **Multi – Lingual**

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**Makes Healthcare  
Information  
Accessible, Fun &  
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Children are often scared and anxious about undergoing medical procedures. This causes:

- ★ Confusion
- ★ Frustration
- ★ Anxiety

Creating effective information tools and a patient-centered environment can be difficult because:

- ★ Child Life Specialists and kid-friendly materials are not always available.
- ★ Limited healthcare literacy and stress affects patient understanding and cooperation.
- ★ Patients speak many languages.

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Who's Who?

What is a CT Machine?

Let's Perform a CT Scan

### ★ Key Words

Explains common words using pictures and text.

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